

UNITED STATES DEPARTMENT OF AGRICULTURE

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

OCTOBER 1934

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

‡302 Oriental Chow Mein & Chop Suey Co., 136 Morgan Street (mail 342 South Main Street), Fall River, Mass.

Meat Inspection Withdrawn

382 J. M. & P. Scanlon, 613 West Fortieth Street, New York, N. Y.
452 Jos. R. Shimer Co., 16 Front Street, Phillipsburg, N. J.

Meat Inspection Extended

3-F Swift & Co., Fort Worth, Tex., to include Foster Packing Co.
227 Armour & Co., New York, N. Y., to include J. M. & P. Scanlon.

Change of Name of Official Establishment

19-W The Cudahy Packing Co., of Louisiana, Ltd., 1324 Levee Street, Vicksburg, Miss., and the Cudahy Packing Co., a Maine corporation, instead of the Cudahy Packing Co.
144 Hallstead Live Stock Co., Hallstead, Pa., instead of the Williams Live Stock Co.
378-A The Cudahy Packing Co., 6900 Dix Avenue, Detroit, Mich., and Nagle Packing Co., instead of Nagle Packing Co.

‡ No sealed cars

Substation Discontinued

Phillipsburg, N. J., meat inspection, under Allentown, Pa.

NOTICES REGARDING MEAT INSPECTION

AFFIXING EXPORT STAMPS TO CONTAINERS

In view of the difficulty experienced in securing the admission into Great Britain of a recent shipment of lard on account of the export stamps being detached, attention is again directed to the necessity of seeing that export stamps are securely affixed to all containers of meat and product for export. Inspectors and exporters will please be governed accordingly.

FACSIMILE OF ITALIAN MEAT-INSPECTION CERTIFICATE

The facsimile shown on page 89 represents the form of approved meat-inspection certificate for Italy which is acceptable under B. A. I. Order 211 (revised), regulation 27, section 5, paragraph 6, regardless of the signatory, for meat and meat food products of a kind prepared customarily to be eaten without cooking, which contain muscle tissue of pork.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, SEPTEMBER 1934 ¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	26,702	6,863	(²)	-----	48,295
Buffalo.....	36,638	7,404	5,409	-----	35,548
Chicago.....	226,130	98,417	348,180	-----	407,738
Cincinnati.....	28,374	5,791	6,849	-----	37,150
Cleveland.....	5,217	(²)	(²)	-----	21,366
Denver.....	36,629	16,587	(²)	-----	25,156
Detroit.....	16,284	9,709	11,905	-----	37,996
Fort Worth.....	50,732	40,740	36,837	-----	37,276
Kansas City.....	189,071	94,519	154,980	-----	202,697
Milwaukee.....	30,300	29,780	(²)	-----	68,615
National Stock Yards.....	126,880	65,368	55,191	-----	212,533
New York.....	54,633	64,267	227,918	-----	(²)
Omaha.....	142,324	31,316	174,169	-----	119,530
Philadelphia.....	11,795	9,948	19,738	-----	54,204
Sioux City.....	83,480	31,533	85,939	-----	67,786
South St. Paul.....	109,645	91,478	118,982	-----	111,250
All other stations.....	611,191	227,008	457,854	415	1,113,783
Total:					
September 1934.....	1,786,025	830,728	1,733,951	415	2,600,923
September 1933.....	821,015	405,382	1,608,661	467	3,037,529
9 months ended—					
September 1934.....	9,434,673	5,740,548	12,026,322	5,613	31,821,405
September 1933.....	6,296,152	3,625,677	12,939,060	4,948	35,136,873
New York, Brooklyn, Jersey City, and Newark ³	70,975	81,199	271,845	-----	142,945

¹ Horses slaughtered:

September 1934.....	2,154
September 1933.....	3,958
9 months ended—	
September 1934.....	13,465
September 1933.....	29,507

² Included in "All other stations."

³ The slaughter figures in this group of cities are included in the figures for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspections of lard at all establishments, 85,141,838 inspection pounds; compound and other substitutes, 41,196,879 inspection pounds; sausage, 66,435,985 inspection pounds; oleomargarine, 7,765,542 inspection pounds.

Corresponding inspections for September 1933: Lard, 125,543,890 inspection pounds; compound and other substitutes, 31,755,966 inspection pounds; sausage, 66,093,784 inspection pounds; oleomargarine, 7,721,162 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

Mod. 28-bis

REGNO D'ITALIA

MINISTERO DELL'INTERNO - Direzione Generale della Sanità Pubblica

SERVIZIO VETERINARIO

Certificato complementare per la esportazione negli Stati Uniti d'America delle carni e prodotti di carni suine contenenti tessuto muscolare, preparati secondo le abituali regole per essere consumati senza cottura.

N. d'ordine

Il sottoscritto dichiara che il prodotto od i prodotti qui sotto specificati sono stati preparati nei modi consueti per essere consumati senza cottura, e che contengono tessuto muscolare di maiale, il quale, allo stato fresco, o dopo recente salatura, è stato mantenuto ad una temperatura non superiore a 5 gradi Fahrenheit per non meno di 20 giorni.

Qualità dei prodotti

Num. dei pezzi e dei colli

Peso

.....

Marchio di identificazione apposto sulle carni o sugli imballaggi

Speditore Indirizzo

Destinatario Destinazione

Luoogo e data di rilascio del certificato



Il Veterinario governativo di confine e di porto



CAUSES OF CONDEMNATION OF CARCASSES, AUGUST 1934

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation.....	10,749	2,407	391	91
Hog cholera.....				1,263
Inflammatory diseases.....	2,622	727	979	1,916
Immaturity.....		336		
Tuberculosis.....	3,227	26		2,676
Other causes.....	2,987	464	695	3,886
Total.....	19,585	3,960	2,065	9,832

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, SEPTEMBER 1934

The statements following show the imports of food animals and of meats and meat-food products inspected by the Bureau of Animal Industry during September 1934 with figures for other periods for comparison.

Imports of food animals

Country of origin	Cattle	Swine	Sheep	Goats
Mexico.....	1,136			
Canada.....	705		228	
Virgin Islands (to Puerto Rico).....	169			
Total:				
September 1934.....	2,010		228	
September 1933.....	3,049	14	296	
9 months ended—				
September 1934.....	51,891	107	2,430	24
September 1933.....	63,553	234	912	79

Imports of meats and meat food products

Country of origin	Fresh and refrigerated meats		Canned and cured	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			1,791,058	548,235	2,339,293
Brazil.....			166,214		166,214
Canada.....	47,488	27,463	35,721	44,809	155,481
New Zealand.....	251			124,895	125,146
Uruguay.....			1,820,494		1,820,494
Other countries.....			93,169	25,928	119,097
Total:					
September 1934.....	47,739	27,463	3,906,656	743,867	4,725,725
September 1933.....	7,613	33,233	3,765,120	52,812	3,858,778
9 months ended—					
September 1934.....	127,210	137,234	31,108,109	1,261,898	32,634,451
September 1933.....	197,356	410,091	34,030,783	897,179	35,535,409

Condemned in September 1934: Beef, 14 pounds; pork, 80 pounds; total, 94 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, SEPTEMBER 1934

State	Tuberculin tests during month		Total to date					Inspector in charge	State official
	Cattle tested	Cattle re-acted	Modified accredited counties		Once tested, free herds	Ac-credited herds	Herds under supervision		
			No.	Pct.					
Ala.....	13,063	7	24	36	98,563	308	98,871	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	3,311	18	0	0	10,117	3	10,242	F. L. Schneider.....	C. T. Guilfoyle, Phoenix.
Ark.....			13	17	49,852	4	49,856	S. H. Still.....	C. D. Stubbs, Little Rock.
Calif.....	40,909	3,753	7	12	26,190	83	27,007	W. E. Howe.....	C. U. Duckworth, Sacramento.
Colo.....	9,156	202	0	0	10	34	48	J. O. Wilson.....	R. M. Gow, Denver.
Conn.....	11,024	869	3	38	2,748	10,019	14,178	R. L. Smith.....	Edwin R. Dimock, Hartford.
Del.....	3,477	15	1	33	4,982	2,304	7,678	E. B. Simonds.....	Ralph C. Wilson, Dover.
D. C.....	0	0	1	100	45	2	47	A. E. Wight.....	
Fla.....	16,006	6	54	81	30,453	79	35,952	T. W. Cole.....	J. V. Knapp, Tallahassee.
Ga.....	30,251	4	85	54	151,769	43	151,812	A. L. Hirdeman.....	G. C. Adams, Atlanta.
Idaho.....	368	1	44	100	51,263	36	51,300	John T. Dallas.....	Thomas W. White, Boise.
Ill.....	97,803	557	102	100	87,752	5,817	241,409	J. J. Lintner.....	J. P. Stout, Springfield.
Ind.....	18,022	59	92	100	182,541	2,018	187,397	H. Busman.....	J. L. Axby, Indianapolis.
Iowa.....	148,664	2,810	86	87	169,600	1,951	190,000	J. A. Barger.....	H. A. Seidell, Des Moines.
Kans.....	19,827	40	64	61	125,208	600	125,866	N. L. Townsend.....	J. H. Mercer, Topeka.
Ky.....	5,362	4	120	100	163,647	29	163,747	W. F. Biles.....	D. E. Westmorland, Frankfort.
La.....	1,134	20	0	0	6,158	6	6,495	B. F. Gooch.....	E. F. Flower, Baton Rouge.
Maine.....	7,975	11	16	100	42,991	752	43,817	W. C. Dendering.....	H. M. Tucker, Augusta.
Md.....	16,897	91	6	26	24,843	14,398	48,704	E. B. Simonds.....	James B. George, Baltimore.
Mass.....	20,148	1,792	4	29	12,951	9,446	22,521	E. A. Crossman.....	E. L. Gillett, Boston.
Mich.....	38,895	42	83	100	205,387	62	205,811	T. S. Rich.....	C. H. Clark, Lansing.
Minn.....	220,739	1,215	81	93	192,998	3,158	197,771	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	13,619	1	15	18	46,559	14	46,616	H. Robbins.....	Charles E. O'Neal, Jackson.
Mo.....	43,674	29	44	39	70,437	198	173,393	Ralph Graham.....	Hugh E. Curry, Jefferson City.
Mont.....	1,339	7	124	43	48,117	92	48,296	J. W. Murdoch.....	W. J. Butler, Helena.
Nebr.....	10,986	106	49	53	86,898	93	87,009	A. H. Francis.....	H. L. Feistner, Lincoln.
Nev.....	0	0	17	100	3,437	4	3,441	R. A. Given.....	Edward Records, Reno.
N. H.....	337	0	10	100	2,096	15,312	17,412	E. A. Crossman.....	A. L. Felker, Concord.
N. J.....	14,504	193	4	19	7,156	12,326	20,054	J. R. Porteus.....	J. H. McNeil, Trenton.
N. Mex.....	1,465	1	11	36	14,911	8	15,104	F. L. Schneider.....	W. A. Naylor, Albuquerque.
N. Y.....	177,567	25,191	32	52	24,619	108,620	145,749	H. B. Leonard.....	E. T. Faulder, Albany.
N. C.....	2,627	2	100	100	256,325	234	256,559	A. A. Husman.....	William Moore, Raleigh.
N. Dak.....	90	4	53	100	75,283	5,284	87,843	H. H. Cohenour.....	T. O. Brandenburg, Bismarck.
Ohio.....	57,320	179	88	100	252,350	473	255,525	A. J. De Fosset.....	D. C. Hyde, Columbus.
Okla.....	12,261	16	19	25	70,988	107	72,118	L. J. Allen.....	C. C. Hisel, Oklahoma City.
Oreg.....	4,989	46	34	94	103,914	1,420	105,363	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	45,923	1,063	52	78	15,676	8,484	178,715	J. B. Reidy.....	T. E. Munce, Harrisburg.
R. I.....	3,299	302	1	20	1,095	758	2,139	E. A. Crossman.....	T. E. Robinson, Providence.
S. C.....	5,608	0	36	78	72,906	108	73,017	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	722	16	3	4	5,194	514	6,110	C. H. Hays.....	T. H. Ruth, Pierre.
Tenn.....	17,908	57	68	72	229,501	34	229,614	H. L. Fry.....	A. C. Topmiller, Nashville.
Tex.....	5,195	2	31	12	87,836	130	90,122	H. L. Darby.....	L. C. Crabb, Fort Worth.
Utah.....	23	0	29	100	49,198	127	50,329	F. E. Murray.....	W. H. Hendricks, Salt Lake City.
Vt.....	29,398	510	2	14	12,624	11,810	25,217	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	12,923	76	92	92	178,762	712	179,727	R. E. Brookbank.....	H. C. Givens, Richmond.
Wash.....	13,792	67	39	100	69,992	51	70,325	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	1,623	0	55	100	112,315	573	114,123	H. M. Newton.....	J. B. McLaughlin, Charleston.
Wis.....	78,217	279	71	100	184,601	9,361	194,506	J. S. Healy.....	Walter Wisnicky, Madison.
Wyo.....			2	9	1,800	5	2,394	W. A. Sullivan.....	H. D. Port, Cheyenne.
Total.....	1,278,440	39,663	1,867	61	3,724,658	228,004	4,431,349		

¹ Not including part of 2 counties.² Not including 80 towns.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, SEPTEMBER 1934¹

Anti-hog-cholera serum

Period	Hyperimmune blood cleared	Serum completed	Serum pasteurized	Serum released	Serum destroyed
	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>
September 1934.....	48,968,699	41,677,595	35,729,834	30,275,275	153,271
September 1933.....	116,198,293	87,538,737	73,025,589	72,766,450	467,005
9 months ended—					
September 1934.....	706,437,235	568,796,920	473,674,269	406,359,650	3,040,583
September 1933.....	749,050,141	669,859,411	545,773,190	650,475,850	3,548,859

Hog-cholera virus

Period	Simultaneous virus	Hyperimmunizing virus	Inoculating virus	Virus destroyed	
				Simultaneous	Hyperimmunizing
	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>
September 1934.....	3,950,481	9,450,646	34,254	100,170	224,205
September 1933.....	1,158,623	9,507,401	22,969	30,580	230,260
9 months ended—					
September 1934.....	35,961,981	109,277,717	451,071	1,455,315	2,849,821
September 1933.....	55,704,742	134,659,226	552,627	1,577,056	3,933,996

Other biologics

Period	Aggresins	Antitoxins	Serums	Bacterins	Vaccines and viruses	Diagnostics
	<i>Doses</i>	<i>Units</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>
September 1934.....	688,563	36,045,000	87,399	2,430,823	1,051,531	197,082

¹ Total number of licensed plants under supervision, 83; 47 producing anti-hog-cholera serum and 42 producing other biologics.

INSPECTIONS AND TESTS IN THE PREPARATION OF BIOLOGICAL PRODUCTS UNDER LICENSES, SEPTEMBER 1934

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
September 1934.....	133,570	931	11,524	7,646	168	182
September 1933.....	209,340	2,071	9,684	8,154	296	115
9 months ended—						
September 1934.....	1,657,976	12,029	136,942	87,543	2,538	1,424
September 1933.....	1,983,374	16,675	167,017	106,009	2,815	2,860

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, SEPTEMBER 1934

License no. 165 was issued September 24, 1934, to the American Scientific Laboratories, Inc., 105 Mason Street, Polo, Ill., for: Abortion vaccine (bovine); cholera-typhoid bacterin (avian); hemorrhagic-septicemia bacterin; mixed bacterin (porcine); and navel-ill mixed bacterin (equine).

LICENSE SUSPENDED

United States Veterinary License No. 182 issued June 11, 1924, to the Missouri Serum Co., 329-331 Arizona Avenue, St. Joseph, Mo., was suspended on September 20, 1934, for a period of 30 days beginning October 1, 1934, as a result of the firm having rebottled, relabeled, and misbranded hog-cholera virus produced by another licensed establishment; admitted into its establishment a biologic product that had not been prepared, bottled, and labeled under Bureau supervision in a licensed establishment; and also failed to maintain proper records; and thus violated several provisions of B. A. I. Order 276 which governs the preparation, sale, etc., of veterinary biologic products.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

Docket no. 435.—In re American Commission Co., and other market agencies at Denver, Colo. The Secretary of Agriculture on September 27, 1934, issued an order denying petition for a rehearing and requiring respondents to cease and desist from demanding or collecting the charges provided for in the schedule of rates in effect and prescribing a new schedule of rates and charges which is substantially lower than the schedule now in effect at the Denver market. These rates were to have become effective October 27, 1934. The attorneys for the respondents, on October 10, 1934, filed a petition for rehearing, stating that the rates fixed by the order of September 27, 1934, will not afford the market agencies a proper and adequate return because of the natural reduction in the volume of livestock due to the unprecedented drought conditions and the further reduction on account of the Government having purchased and removed large numbers of livestock from the territory tributary to the Denver market. Some objections were also made to the practical application of the schedule of rates as fixed by said order to the method of receiving and handling livestock. Upon consideration of the petition, the Secretary found no adequate reason for reopening the case; therefore, on October 15, 1934, he issued an order denying the petition for a rehearing and modifying the order of September 27 by postponing for 10 days the effective date thereof, since the attorneys for the respondents have indicated that they desire to take the matter into the Federal courts and have represented that additional time is necessary to prepare a petition for that purpose.

Docket no. 447.—In re Bland Kirk, market agency and dealer, Flemingsburg and other Kentucky markets. The Acting Secretary of Agriculture on September 11, 1934, issued an inquiry alleging that respondent had failed, neglected, and refused to execute and maintain a reasonable bond to suitable trustees, or to furnish any other form of satisfactory indemnity, to secure the performance of his obligations incurred as a market agency and dealer. On October 15, 1934, respondent acknowledged service of the order of inquiry, admitted the truth of the matters and things therein alleged, and waived a hearing thereon. On October 27, 1934, respondent was ordered to cease and desist from doing business as a market agency and dealer without executing and maintaining a reasonable bond or furnishing some other form of satisfactory indemnity to secure the performance of his obligations.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Twenty-Eight Hour Law

Baltimore & Ohio Railroad Co., \$100 penalty.
Boston & Maine Railroad, \$200 penalty.
Great Northern Railway Co., \$100 penalty.
Northern Pacific Railway Co. (3 cases), \$300 penalties.
Pennsylvania Railroad Co. (2 cases), \$200 penalties.

Livestock Quarantine Law

J. C. Poole, Eutaw, Ala., interstate transportation of 17 oxen without prior tuberculin test (Mississippi to Alabama), \$100 fine.

AMENDMENT TO THE ADMINISTRATIVE REGULATIONS OF THE DEPARTMENT

Paragraph 466 of the Administrative Regulations of the Department is amended to read as follows, by Memorandum no. 652, dated October 8, 1934, and signed by H. A. Wallace, Secretary:

"466. Misconduct or irregularities; procedure to be followed.—Each case of misconduct or irregularities on the part of an employee shall, after careful investigation by the bureau concerned, be forwarded to the office of the Secretary for consideration, accompanied by all correspondence and documents pertaining thereto with a recommendation as to action which is believed warranted by the facts. Bureau chiefs shall issue such instructions to field officials as will insure compliance with this requirement.



"Whenever disciplinary action other than separation from the service is taken, a record of such action shall be made in the bureau concerned for consideration in connection with efficiency ratings and promotions or subsequent discipline for further misconduct. Where action is limited to a bureau reprimand a copy of such reprimand shall be forwarded to the office of the Secretary for inclusion in the employee's personnel jacket.

"If a bureau has not adequate facilities for properly investigating a complaint, all papers pertaining thereto shall be transmitted to the office of the Secretary with a request that an investigation be conducted. A report of any investigation made as a result of such request shall be referred to the bureau concerned for consideration and recommendation.

"If the facts in any case warrant the preferment of charges or other disciplinary action, except a bureau reprimand, the necessary papers shall be prepared at the direction of the Secretary and transmitted to the employee in question through the chief of the bureau concerned. When charges have been preferred against an employee and an answer has been received, and in cases where the employee fails to submit an answer within the time limit stipulated in the letter of charges, the entire record shall be reviewed and appropriate action taken by the Secretary."

Paragraph 467 is revoked.

"It is hoped" the Secretary states, "that strict compliance with the provisions of paragraph 466, as amended, will enable the Department to comply more fully with section 2, rule XII, Civil Service Rules and Regulations, which specifies that in making removals or reductions and in other punishment, like penalties shall be imposed for like offenses."

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Yearbook Separate No. 1424. Pork of Good Quality Grown Efficiently on Corn-Soybean Ration. By J. H. Zeller and O. G. Hankins, Animal Husbandry Division. Pp. 3.

Yearbook Separate No. 1427. Swine Erysipelas is More Easily Diagnosed by New Blood Test. By C. H. Hays and C. F. Harrington, Division of Tick Eradication and Special Diseases. Pp. 4, figs. 1.

Journal of Agricultural Research Separate, vol. 48, no. 9. Key no. A-161. Growth of Chickens as a Function of Feed Consumption. By Harry W. Titus, Morley A. Jull, and Walter A. Hendricks, Animal Husbandry Division. Pp. 817-835.

Amendment 3 to B. A. I. Order 346. Declaring Names of Counties Placed in Modified Accredited Area for Tuberculosis. Effective October 1, 1934. P. 1, mimeographed.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

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Biochemic Division: M. DORSET, chief.

Division of Tick Eradication and Special Diseases: W. M. MACKELLAR, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, chief.

Field Inspection Division: G. W. POPE, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

Packers and Stockyards Division: A. W. MILLER, chief.

Pathological Division: HARRY W. SCHOENING, chief.

Tuberculosis Eradication Division: A. E. WIGHT, chief.

Zoological Division: MAURICE C. HALL, chief.

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Accounts: GEORGE F. TUCKER, in charge.

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